

EnShield® Recycled Board

PRODUCT GUIDE

The recycled fiber solution for oil and grease resistance

WestRock EnShield® Recycled Board is made with 100% recycled fiber, is fully recyclable, has an all-brown surface and provides exceptional* oil and grease resistance without intentionally added per/polyfluoroalkyl substances (PFAS).

The all-brown surface provides a natural look while the broad caliper offering delivers exceptional strength, making it a perfect fit for food and foodservice applications like takeout packaging, bakery and catering.

Features

- + Made from up to 100% recycled fiber
- + Recyclable
- + High* level of oil and grease resistance
- + Natural appearance
- + Roll to roll and sheet to sheet consistency

Benefits

- + Improves package performance compared to non-OGR treated paperboard and product appeal by preventing unappetizing oil and grease stains
- + Strengthens packaging circularity and end-of-life recovery by being recyclable and produced with renewable fibers without intentionally added per/polyfluoroalkyl substances (PFAS)
- + May appeal to consumers and brands that prefer an attractive, natural all-brown kraft exterior**

Additional product information

Certifications:

- + All WestRock North American paperboard mills are certified to the SFI®, PEFC, FSC™ Chain of Custody Standards. Contact your WestRock sales representative for certified fiber availability for this product.

Food contact:

- + Meets multiple national requirements for food contact packaging, e.g., US and Canada. Contact your sales representative for information on specific markets and end uses.

Environmental and safety:

- + Notices under US California Proposition 65 and the EU REACH regulation are not required.
- + Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

* High is defined by WestRock as a KIT test result of 8+

** WestRock 2017 Consumer Study showed that consumers were more likely to agree that brown packaging is "natural" versus white packaging

Applications

- + Foodservice takeout packaging
- + Food packaging
- + Bakery

Product classification

- + Uncoated Recycled Paperboard
- + URB Paperboard

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Grade availability & typical board properties (U.S.)

Grade availability by caliper								Units	Method	
Caliper (pts)	0.018	0.020	0.022	0.024	0.026	0.028	0.030	inches	T-411	
Nominal basis weight	77.0	82.0	88.0	96.0	104.0	112.0	120.0	lbs/MSF	T-410	
Moisture content	6.0	6.0	6.0	6.0	6.0	6.0	6.0	percent	T-412	
ZDT	55	55	55	55	55	55	55	psi	T-541	
Stiffness										
Taber 15°	MD	220	290	360	435	530	650	795	gf-cm	T-489
	CD	80	115	145	175	210	260	320	gf-cm	T-489
Barrier target values										
Oil & grease resistance (OGR)	12	12	12	12	12	12	12	3M Kit	T-559	

Grade availability & typical board properties (Metric)

Grade availability by caliper								Units	Method	
Caliper (pts)	457	508	559	610	660	711	762	microns	T-411	
Nominal basis weight	376	400	430	469	508	547	586	gsm	T-410	
Moisture content	6.0	6.0	6.0	6.0	6.0	6.0	6.0	percent	T-412	
ZDT	55	55	55	55	55	55	55	psi	T-541	
Stiffness										
Taber 15°	MD	22.1	29.4	38.7	43.6	53.0	64.2	77.5	mNm	T-489
	CD	7.8	9.8	12.3	14.2	18.1	21.6	24.5	mNm	T-489
Barrier target values										
Oil & grease resistance (OGR)	12	12	12	12	12	12	12	3M Kit	T-559	

Values are subject to change without notice.

For more information, please contact your WestRock representative or visit our website at [westrock.com](https://www.westrock.com).

The information contained in this Product Guide is accurate to the best of WestRock's knowledge and belief. It is intended, however, only as an introduction to the typical properties of the product. WestRock disclaims any guarantee or warranty with respect to the accuracy of this information or, based on this document, with respect to the suitability of the product for any particular use, including, but not limited to, the compliance of the product with laws, regulations, or standards. This information is subject to change without notice.

All WestRock North American mills are ISO Registered and certified to the SFI®, PEFC™, and FSC™ Chain of Custody Standards.

